

**Notice of Allowability**

Applicati n No.

09/978,536

Applicant(s)

WASSERMAN

Examin r

Art Unit

Grigory Gurshman

2132

-- Th MAILING DATE of this communication appears on th cover she t with the correspond nc addr ss--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's amendment 2-2 filed 11/12/2004.
2. ☒ The allowed claim(s) is/are 2-21.
3. ☒ The drawings filed on 16 October 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachm nt(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|   | 9. <input type="checkbox"/> Other _____   |

## DETAILED ACTION

### *Allowable Subject Matter*

1. Claims 2-21 are allowed.
2. The following is an examiner's statement of reasons for allowance:
  - 2.1 Referring to the independent claims 2, 8, 12 and 18, Kung discloses a method for providing mutual authentication of a user and a server on a network (see abstract and Fig.1).

Kung teaches a mutual authentication method for use in authenticating a user that operates a client workstation that is coupled to a file server workstation having a password file comprising a password known to the user (see Fig. 1 and column 1, lines 47-50). Kung teaches that the method comprises the following steps: A logon ID is transmitted from the client workstation to the server workstation. The stored user password corresponding to the user ID is retrieved using the transmitted logon ID is retrieved from the password file. A random number is created that is encrypted by a symmetric encryption algorithm on the server workstation using the retrieved user password, and which provides an encrypted password. The user is then requested to enter the password into the user workstation. The entered password is used to decrypt the encrypted password received from the server workstation and retrieve the random number therefrom to authenticate the server workstation. The random number is then used as the encryption and decryption key for communication between the user and server workstations. An encrypted message is transmitted using the random number from the client workstation to the server workstation. The encrypted message is decrypted at the server workstation to authenticate the user (see

column 1, lines 53-68).

Kung, however, fails to teach or suggest decrypting the server authentication response *without user interaction* in order to prevent a user from colluding with an authorized server. Kung also does not teach disabling client functions if the server is not authorized to provide resource to the client.

2.2 Referring to the instant claims, McAuliffe discloses an advertisement authentication system in which advertisements are downloaded for off-line display (see abstract and Fig. 1A). McAuliffe shows a client computer connected to the server computers over the network (see units 2 and 20, 22, 24, 25, 27 in Fig. 1A). McAuliffe teaches advertisement authentication system capable of detecting various forms of advertisement and statistics file tampering. McAuliffe teaches that client software disabling are instituted after multiple incidents of "tampering" are detected within a short time period (see column 11, lines 9-12).

However, the limitation "determining that no response to the server authentication request has been received by the client after an allotted period of time" is not either taught or suggested by McAuliffe. Therefore, the combination of Kung with McAuliffe will not produce the Applicant's invention.

2.3 In view of the reasons presented herein claims 2-21 are in condition for allowance.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Grigory Gurshman whose telephone number is (571)272-3803. The examiner can normally be reached on 9 AM-5:30 PM.

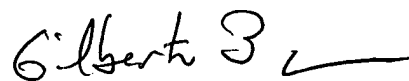
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on (571)272-3799. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



GG 2/01/2005

Grigory Gurshman  
Examiner  
Art Unit 2132



GILBERTO BARRON Jr.  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100